



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/828,966 Confirmation No. 5361

Applicant : Jay Korth et al.

Filed : April 21, 2004

Title : FLAT-ROUND JOINT IN A "CT" OR "SERPENTINE" FIN
CORE

Group Art Unit : 3753

Examiner : Sarang Afzali

Customer No. : 28289

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE
OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)

Sir:

As assignee of record of the entire interest of the above-identified patent application, all powers of attorney previously given are hereby revoked and I hereby appoint the practitioners associated with **Customer Number 28289** to transact all business in the United States Patent and Trademark Office connected therewith.

Customer Number 28289 is the Customer Number for the law firm of The Webb Law Firm whose address is 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219-1845, Telephone No. 412-471-8815.

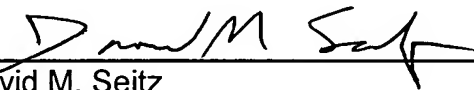
**All correspondence and telephone calls should be addressed to
Customer Number 28289.**

Ownership is established by an Assignment from the inventors of the above-identified patent application to Westinghouse Air Brake Technologies Corporation, which was recorded in the United States Patent and Trademark Office in February 14, 2006, at Reel 017163/Frame 0514.

Attached to this Power is a Certificate Under 37 C.F.R. 3.73(b).

I, David M. Seitz, whose signature appears below, aver that as Assistant Secretary of Westinghouse Air Brake Technologies Corporation, I am empowered to sign this statement on behalf of the Assignee.

WESTINGHOUSE AIR BRAKE TECHNOLOGIES
CORPORATION

By: 
David M. Seitz
Assistant Secretary

Date: June 14, 2006

Assignee of Entire Interest

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Jay Korth et al.Application No.: 10/828,966Filed: April 21, 2004Entitled: Flat-Round Joint in a "CT" or "Serpentine" Fin CoreWestinghouse Air Brake Technologies Corporation, a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. [X] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 017163, Frame 0514, or for which a copy thereof is attached.

OR

- B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

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3. From: _____ To: _____

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[] Additional documents in the chain of title are listed on a supplemental sheet.

- [X] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

6-14-06

Date

412 825 1142

Telephone number

David M. Seitz

Typed or printed name

David M. Seitz
SignatureAssistant Secretary

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 14, 2006

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RICHARD L. BYRNE
700 KOPPERS BUILDING, 436 SEVENTH AVENUE
THE WEBB LAW FIRM
PITTSBURGH, PA 15219-1845

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 02/14/2006

REEL/FRAME: 017163/0514
NUMBER OF PAGES: 8

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE ASSIGNEE PREVIOUSLY RECORDED ON REEL 015758 FRAME 0094. ASSIGNOR(S) HEREBY CONFIRMS THE ASSIGNEE TO BE WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION.

DOCKET NUMBER: 4493-053295

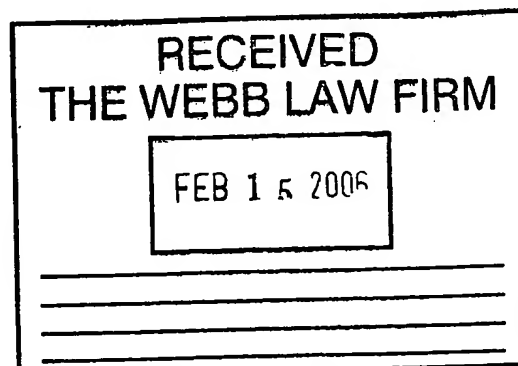
ASSIGNOR:
KORTH, JAY

DOC DATE: 08/30/2004

ASSIGNOR:
SMITH, GEOFF

DOC DATE: 08/30/2004

ASSIGNEE:
WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION
1001 AIR BRAKE AVENUE
WILMERDING, PENNSYLVANIA 15148



017163/0514 PAGE 2

SERIAL NUMBER: 10828966

FILING DATE: 04/21/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: FLAT-ROUND JOINT IN A "CT" OR "SERPENTINE" FIN CORE

STEVEN POST, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

02/14/2006
500078130



SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the Assignee previously recorded on Reel 015758 Frame 0094. Assignor(s) hereby confirms the Assignee to be Westinghouse Air Brake Technologies Corporation.

CONVEYING PARTY DATA

Name	Execution Date
Jay Korth	08/30/2004
Geoff Smith	08/30/2004

RECEIVING PARTY DATA

Name:	Westinghouse Air Brake Technologies Corporation
Street Address:	1001 Air Brake Avenue
City:	Wilmerding
State/Country:	PENNSYLVANIA
Postal Code:	15148

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10828966

CORRESPONDENCE DATA

Fax Number: (412)471-4094
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: (412) 471-8815
Email: webblaw@webblaw.com
Correspondent Name: Richard L. Byrne
Address Line 1: 700 Koppers Building, 436 Seventh Avenue
Address Line 2: The Webb Law Firm
Address Line 4: Pittsburgh, PENNSYLVANIA 15219-1845

ATTORNEY DOCKET NUMBER:

4493-053295

NAME OF SUBMITTER:

Richard L. Byrne (4493-053295)

Total Attachments: 6

OP \$40.00 10828966

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PATENT ASSIGNMENT

Electronic Version v1.1

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<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jay Korth</td><td>08/30/2004</td></tr><tr><td>Geoff Smith</td><td>08/30/2004</td></tr></tbody></table>		Name	Execution Date	Jay Korth	08/30/2004	Geoff Smith	08/30/2004				
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<table border="1"><tr><td>Name:</td><td>Westinghouse Air Brake Technologies Corporation</td></tr><tr><td>Street Address:</td><td>1001 Air Brake Avenue</td></tr><tr><td>City:</td><td>Wilmerding</td></tr><tr><td>State/Country:</td><td>PENNSYLVANIA</td></tr><tr><td>Postal Code:</td><td>15148</td></tr></table>		Name:	Westinghouse Air Brake Technologies Corporation	Street Address:	1001 Air Brake Avenue	City:	Wilmerding	State/Country:	PENNSYLVANIA	Postal Code:	15148
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Email: webblaw@webblaw.com
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Address Line 2: The Webb Law Firm
Address Line 4: Pittsburgh, PENNSYLVANIA 15219-1845

ATTORNEY DOCKET NUMBER:

4493-053295

NAME OF SUBMITTER:

Richard L. Byrne (4493-053295)

Signature:

/rlb/

Date:

02/14/2006

Total Attachments: 6

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RECEIPT INFORMATION

EPAS ID: PAT82361

Receipt Date: 02/14/2006

Fee Amount: \$40

Docket No. WAB 04112

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) JAY KORTH, GEOFF SMITH (hereinafter ASSIGNORS) by

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

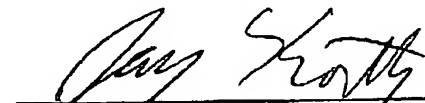
"FLAT-ROUND JOINT IN A "CT" OR "SERPENTINE" FIN CORE"

for which application for Letters Patent of the United States was executed on even date herewith, and all Letters Patent of the United States and corresponding Foreign patents to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

THE ASSIGNORS agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

THE ASSIGNORS agree(s) to execute all papers necessary in connection with any interference or litigation which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereof and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.


IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).



JAY KORTH

DATE

8/30/04



GEOFF SMITH

DATE

8/30/04



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/828,966	
	Filing Date	April 21, 2004	
	First Named Inventor	Jay Korth	
	Art Unit	3753	
	Examiner Name	Sarang Afzali	
Total Number of Pages in This Submission		Attorney Docket Number	4493-053295

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	The Webb Law Firm		
Signature			
Printed Name	Richard L. Byrne		
Date	June 19, 2006	Reg. No.	28,498

CERTIFICATE OF TRANSMISSION / MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Linda L. Marlowe	Date	June 19, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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